

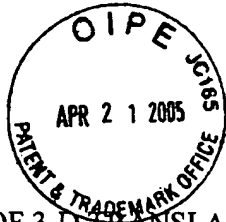
Form PTO-1449

Applicant: Koichi Kato et al.

Serial No.: 10/728,997

Filing Date: December 5, 2003

For: INPUT DEVICE OF 3-D TRANSLATION AND ROTATION AND ITS METHOD AND
RECORDING MEDIUM



Sheet 1 of 2

Confirmation No.: 9118

Att'y Docket No.: 14321.29.1

Group: 2673

FIRST SUPPLEMENTAL INFORMATION DISCLOSURE CITATIONS MADE BY APPLICANT

U.S. Patent Documents

<u>Examiner Initial*</u>	<u>Document Number</u>	<u>Issue Date</u>	<u>Name</u>
HT 1	5,633,691 A	05/27/1997	Davis et al.
HT 2	5,793,361 A	08/11/1998	Kahn et al.
HT 3	5,796,387 A	08/18/1998	Smith, III et al.

Foreign Patent Documents

<u>Examiner Initial*</u>	<u>Document Number</u>	<u>Publication Date</u>	<u>Country or Patent Office</u>	<u>Translation</u>
HT 4	2 768 528 A	03/19/1999	France	No
HT 5	09 325007 A	12/16/1997	Japan	No

Other Documents

(including author, title, pertinent pages, etc.)

Examiner

Initial*

Examiner:

/Henry Tran/

Date Considered:

02/26/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449

Sheet 2 of 2

Applicant: Koichi Kato et al.

Confirmation No.: 9118

Serial No.: 10/728,997

Att'y Docket No.: 14321.29.1

Filing Date: December 5, 2003

Group: 2673

For: INPUT DEVICE OF 3-D TRANSLATION AND ROTATION AND ITS METHOD AND
RECORDING MEDIUM

References Cited by Applicants

While the filing of Information Disclosure Statements is voluntary, the procedure is governed by the guidelines of Section 609 of the Manual of Patent Examining Procedure and 37 C.F.R. §§ 1.97 and 1.98. To be considered a proper Information Disclosure Statement, Form PTO-1449 shall be accompanied by a copy of each listed patent or publication or other item of information and a translation of the pertinent portions of foreign documents (if an existing translation is readily available to the applicant), an explanation of relevance of each reference not in the English language, and should be submitted in a timely manner as set out in MPEP Sec. 609.

Examiners will consider all citations submitted in conformance with 37 C.F.R. § 1.98 and MPEP Sec. 609 and place their initials adjacent the citations in the spaces provided on this form. Examiners will also initial citations not in conformance with the guidelines which may have been considered. A reference may be considered by the Examiner for any reason whether or not the citation is in full conformance with the guidelines. A line will be drawn through a citation if it is not in conformance with the guidelines AND has not been considered. A copy of the submitted form, as reviewed by the Examiner, will be returned to the applicant with the next communication. The original of the form will be entered into the application file.

Each citation initialed by the Examiner will be printed on the issued patent in the same manner as references cited by the Examiner on Form PTO-892.

The reference designations "A1," "A2," etc. (referring to Applicant's reference 1, Applicant's reference 2, etc.) will be used by the Examiner in the same manner as Examiner's reference designations "A," "B," "C," etc. on Office Action Form PTO-1142.

W:\14321\29.1\DFW0000013667V001.doc

Examiner:

/Henry Tran/

Date Considered:

02/26/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



EXPRESS MAIL LABEL NO.: EV 566 183 413

Form PTO-1449

Sheet 1 of 4

Applicant: Koichi Kato, et al.

Serial No.: 10/728,997

Att'y Docket No.: 14321.29.1

Filing Date: December 5, 2003

Group: 2673

Confirmation No.: 9118

For: INPUT DEVICE OF 3-D TRANSLATION AND ROTATION AND ITS
METHOD AND RECORDING MEDIUM

INFORMATION DISCLOSURE CITATIONS MADE BY APPLICANT

U.S. Patent Documents

<u>Examiner Initial*</u>		<u>Patent Number</u>	<u>Issue Date</u>	<u>Name</u>	<u>Class</u>	<u>Sub Class</u>	<u>Filing Date</u>
HT	A1.	6,300,931	10/2001	Someya, et al.	345	102	
HT	A2.	5,805,196	09/1998	Nakanishi, et al.	347	230	
HT	A3.	5,432,526	07/1995	Hyatt, Gilbert P.	345	87	
HT	A4.	5,227,985	07/1993	DeMenthon, Daniel F.	702	153	
HT	A5.	6,064,423	05/2000	Geng, Sheng Jason	348	36	
HT	A6.	5,546,327	08/1996	Hattori, et al.	702	57	

Foreign Patent Documents

<u>Examiner Initial*</u>		<u>Document Number</u>	<u>Publ. Date</u>	<u>Country or Patent Office</u>	<u>Translation</u>
HT	A7.	06-300542	10/28/94	Japan	No
HT	A8.	07-270124	10/20/94	Japan	No
HT	A9.	08117448	5/4/1996	Japan	No

Examiner: /Henry Tran/

Date Considered: 02/26/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

EXPRESS MAIL LABEL NO.: EV 566 183 413

Form PTO-1449

Sheet 2 of 4

Applicant: Koichi Kato, et al.

Serial No.: 10/728,997

Att'y Docket No.: 14321.29.1

Filing Date: December 5, 2003

Group: 2673

Confirmation No.: 9118

For: INPUT DEVICE OF 3-D TRANSLATION AND ROTATION AND ITS
METHOD AND RECORDING MEDIUM

<u>HT</u>	A10.	08278846	10/22/1996	Japan	No
<u>HT</u>	A11.	11219253	08/10/1999	Japan	No
<u>HT</u>	A12.	11249806	09/17/1999	Japan	No

Other Documents

(including author (if listed), title, relevant pages, date of publication including at least month and year).

Examiner

Initial*

<u>HT</u>	A13.	Koichiro Deguchi, <i>A Unified Approach to PnP Camera Calibration Problem by Projective Geometry</i> , "Computer Vision '90" Symposium, pp. 41-50, August 1990.
<u>HT</u>	A14.	Robert J. Holt et al., <i>Camera Calibration Problem: Some New Results</i> , Computer Vision, Graphis, and Image Processing: Image Understanding, Vol. 54, No. 3, pp. 368-383, 1991.
<u>HT</u>	A15.	Robert M. Haralick et al., <i>Analysis and Solutions of the Three Point Perspective Pose Estimation Problem</i> , IEEE, Proc. CVPR91, pp. 592-598, 1991.
<u>HT</u>	A16.	Juyang Weng, et al., <i>Camera Calibration with Distortion Models and Accuracy Evaluation</i> , IEEE Transactions on Pattern Analysis and Machine Intelligence, Vol. 14, No. 10, pp. 965-980, October 1992.

Examiner: /Henry Tran/

Date Considered: 02/26/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

EXPRESS MAIL LABEL NO.: EV 566 183 413

Form PTO-1449

Sheet 3 of 4

Applicant: Koichi Kato, et al.

Serial No.: 10/728,997

Att'y Docket No.: 14321.29.1

Filing Date: December 5, 2003

Group: 2673

Confirmation No.: 9118

For: INPUT DEVICE OF 3-D TRANSLATION AND ROTATION AND ITS
METHOD AND RECORDING MEDIUM

HT

A17. Yoshiko Nomura et al., *Simple Calibration Algorithm for High-Distortion-Lens Camera*, IEEE Transactions on Pattern Analysis and Machine Intelligence, Vol. 14, No. 11, pp. 1095-1099, November 1992.

HT

A18. Koichi Kato et al., *Camera Calibration by Projection of Elliptic Cone Method*, The Institute of Electronics, Information and Communication Engineers, Technical Report of IEICE, PRU94-112, pp. 39-46, 1995.

HT

A19. English translation of Japanese Patent Publication No. 09325007 A, published December 10, 1997.

Examiner: /Henry Tran/

Date Considered: 02/26/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

EXPRESS MAIL LABEL NO.: EV 566 183 413

Form PTO-1449

Sheet 4 of 4

Applicant: Koichi Kato, et al.

Serial No.: 10/728,997

Att'y Docket No.: 14321.29.1

Filing Date: December 5, 2003

Group: 2673

Confirmation No.: 9118

For: INPUT DEVICE OF 3-D TRANSLATION AND ROTATION AND ITS
METHOD AND RECORDING MEDIUM

References Cited by Applicants

While the filing of Information Disclosure Statements is voluntary, the procedure is governed by the guidelines of Section 609 of the Manual of Patent Examining Procedure and 37 C.F.R. §§ 1.97 and 1.98. To be considered a proper Information Disclosure Statement, Form PTO-1449 shall be accompanied by a copy of each listed patent or publication or other item of information and a translation of the pertinent portions of foreign documents (if an existing translation is readily available to the applicant), an explanation of relevance of each reference not in the English language, and should be submitted in a timely manner as set out in MPEP Sec. 609.

Examiners will consider all citations submitted in conformance with 37 C.F.R. § 1.98 and MPEP Sec. 609 and place their initials adjacent the citations in the spaces provided on this form. Examiners will also initial citations not in conformance with the guidelines which may have been considered. A reference may be considered by the Examiner for any reason whether or not the citation is in full conformance with the guidelines. A line will be drawn through a citation if it is not in conformance with the guidelines AND has not been considered. A copy of the submitted form, as reviewed by the Examiner, will be returned to the applicant with the next communication. The original of the form will be entered into the application file.

Each citation initialed by the Examiner will be printed on the issued patent in the same manner as references cited by the Examiner on Form PTO-892.

The reference designations "A1," "A2," etc. (referring to Applicant's reference 1, Applicant's reference 2, etc.) will be used by the Examiner in the same manner as Examiner's reference designations "A," "B," "C," etc. on Office Action Form PTO-1142.

AHM0000000180V001

Examiner: /Henry Tran/

Date Considered: 02/26/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.